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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2008; month=1; day=16; hr=11; min=43; sec=52; ms=551; ]

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Reviewer Comments:

Seq Id 1 through 4

If <213> responses are Artificial or Unknown, please give the source of  
genetic material on line <223>, the given response is insufficient.

<221> MOD\_RES

<222> (2)

<223> Variable amino acid

<220>

<221> MOD\_RES

<222> (5)..(7)

<223> Variable amino acid

<400> 2

Gly Xaa Gly Gly Xaa Xaa Xaa Gly

1

5

Sequences 1 through 4 contain 'xaa's representing more than one residue.

Per Sequence Rules, each 'Xaa' can only represent a single residue.

Please present the maximum number of each residue having variable  
length.

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Application No: 10799934

Version No: 1.0

Input Set:

Output Set:

Started: 2007-12-21 20:44:31.352

Finished: 2007-12-21 20:44:32.352

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 0 ms

Total Warnings: 4

Total Errors: 7

No. of SeqIDs Defined: 4

Actual SeqID Count: 4

Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (1)
W 402	Undefined organism found in <213> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
W 402	Undefined organism found in <213> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
W 402	Undefined organism found in <213> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)

# SEQUENCE LISTING

<110> KELLY, MARK  
 VILLAR, HUGO  
 WANG, JIANQIANG  
 LEE, MIN S.  
 QIN, YONG  
 SEM, DANIEL S.

<120> NUCLEAR MAGNETIC RESONANCE ASSEMBLY OF CHEMICAL  
 ENTITIES USING ADVANCED ANTENNA PROBES

<130> 066692-097

<140> 10799934

<141> 2007-12-21

<150> 60/455,610

<151> 2003-03-13

<160> 4

<170> PatentIn Ver. 3.3

<210> 1

<211> 16

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Peptide

<400> 1

Ile Pro Thr Thr Pro Ile Thr Thr Thr Tyr Phe Phe Phe Lys Lys Lys

1

5

10

15

<210> 2

<211> 8

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Peptide

<220>

<221> MOD\_RES

<222> (2)

<223> Variable amino acid

<220>

<221> MOD\_RES

<222> (5)..(7)

<223> Variable amino acid

<400> 2

Gly Xaa Gly Gly Xaa Xaa Xaa Gly

1 5

<210> 3

<211> 19

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Peptide

<220>

<221> MOD\_RES

<222> (2)

<223> Variable amino acid

<220>

<221> MOD\_RES

<222> (4)..(9)

<223> Variable amino acid

<220>

<221> MOD\_RES

<222> (11)

<223> Variable amino acid

<220>

<221> MOD\_RES

<222> (13)..(18)

<223> This region may encompass 5 or 6 variable  
amino acids

<400> 3

Lys Xaa Glu Xaa Xaa Xaa Xaa Xaa Ser Xaa Lys Xaa Xaa Xaa Xaa

1 5 10 15

Xaa Xaa Met

<210> 4

<211> 6

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Peptide

<220>

<221> MOD\_RES

<222> (2)

<223> Variable amino acid

<400> 4

Pro Xaa Asn Pro Thr Gly

1 5